Service Bulletin

LifeFitness

SB No. GN04080401N

Original Date	Revised Date	Problem Code	Type Code	Status	Author
AUG 4, 2004	-	-	WARR	New	R Short

Subject: Channel 6 Not Received on ALL Integrated LCD Products

Serial Number: See Table Below for Serial Range

Time Required: ☐15 min ☐30 min ☐45 min ☐1 hr +

Distribute To: ☐Internal ☐Dealer ☐ISO ☐Customer

MODEL NO.	SERIAL NUMBER RANGE
95TE	TTE100000 - TTE100488
97TE	TTM100000 - TTM100128
95RE	LRE100000 - LRE100259
95CE	LCE100000 - LCE100214
95SE	SCE100000 - SCE100101
95XE	XTC100000 - XTC100326

DESCRIPTION:
Channel 6 will not tune-in through Auto Scan or Manual Selection.

SOLUTION:
For 95CE, 95RE; 95XE and 95SE update Single Board Computer.

For Treadmills update both the Single board Computer and the Interface Board.

SINGLE BOARD COMPUTER COMPACT FLASHCARD		
Cross Trainer	GK62-00002-0024	KIT:SERV;MFG;SBC;SW;XE
Stair Climber	GK47-00002-0018	KIT:SERV;MFG;SBC;SW;SE
Bikes	GK63-00002-0060	KIT:SERV;MFG;SBC;SW;CE
Treadmills	GK58-00002-0097	KIT:SERV;MFG;SBC;SW;TE
INTERFACE BOARD PROGRAMMERS		
Treadmills	GK58-00002-0098	KIT:SERV;MFG;LCD PROG;TE

Life Fitness Programming the Integrated LCD Touch Consoles

GENERAL INTRODUCTION

The instructions on the following pages are to be used in reprogramming the Integrated LCD Touch Consoles using a Compact Flash for the Single Board Computer and the LF Programmer for the Interface Board.

If using a new Flash card for the "first time," make absolutely sure to verify that the console works before continuing on to the next console. Each Flash Card is marked for the applicable product along with the version number and the part number. **No battery is needed in the LF Programmer for any of the products**.

The first step in reprogramming should always be to first check that each unit is operational. Next, verify the software version in the console before attempting to reprogram.

Each of the Single Board Computer Programming Kits, as listed in the table below, contains a Preprogrammed Flash Card, C-SAFE Programming Cable, and Instructions.

Each of the Interface Board Programming Kits, as listed in the table below, contains a Preprogrammed LF Programmer, C-SAFE Programming Cable, and Instructions.

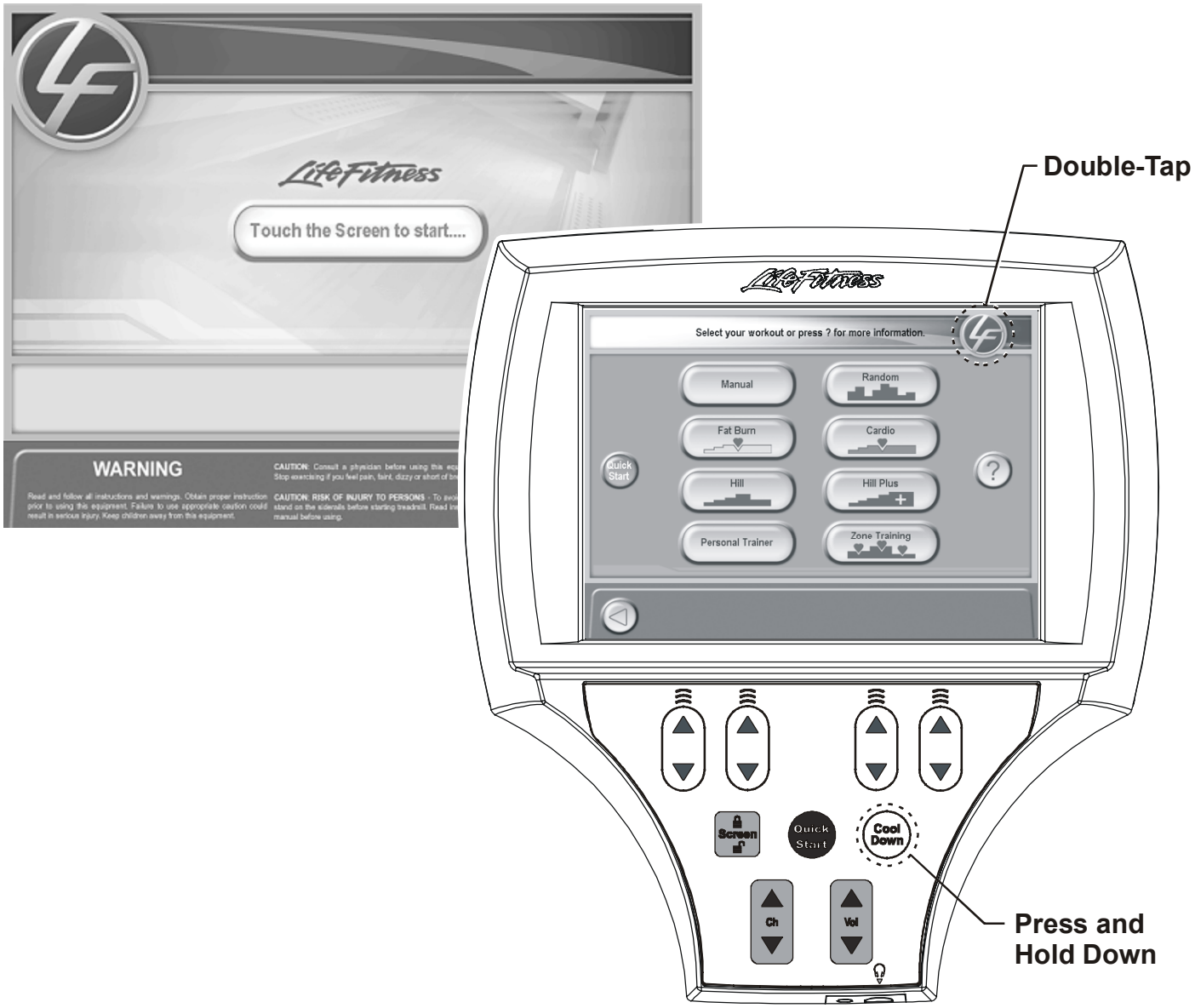
PROGRAMMING KITS FOR INTEGRATED LCD/TOUCH CONSOLES

Upright and Recumbent bikes (CE), Stair Climbers (SE), Cross-Trainer(XE), Treadmill 95 & 97 (TE)

SINGLE BOARD COMPUTER		**INTERFACE BOARD**	
Part Number	*Description*	*Part Number*	*Description*
GK62-00002-0024	KIT:SERV;MFG;SBC;SW;XE	GK47-00002-0019	KIT:SERV;MFG;LCD PROG;SE
GK47-00002-0018	KIT:SERV;MFG;SBC;SW;SE	GK58-00002-0098	KIT:SERV;MFG;LCD PROG;TE
GK63-00002-0060	KIT:SERV;MFG;SBC;SW;CE	GK62-00002-0025	KIT:SERV;MFG;LCD PROG;XE
GK58-00002-0097	KIT:SERV;MFG;SBC;SW;TE	GK63-00002-0061	KIT:SERV;MFG;LCD PROG;CE

Verifying Console Software

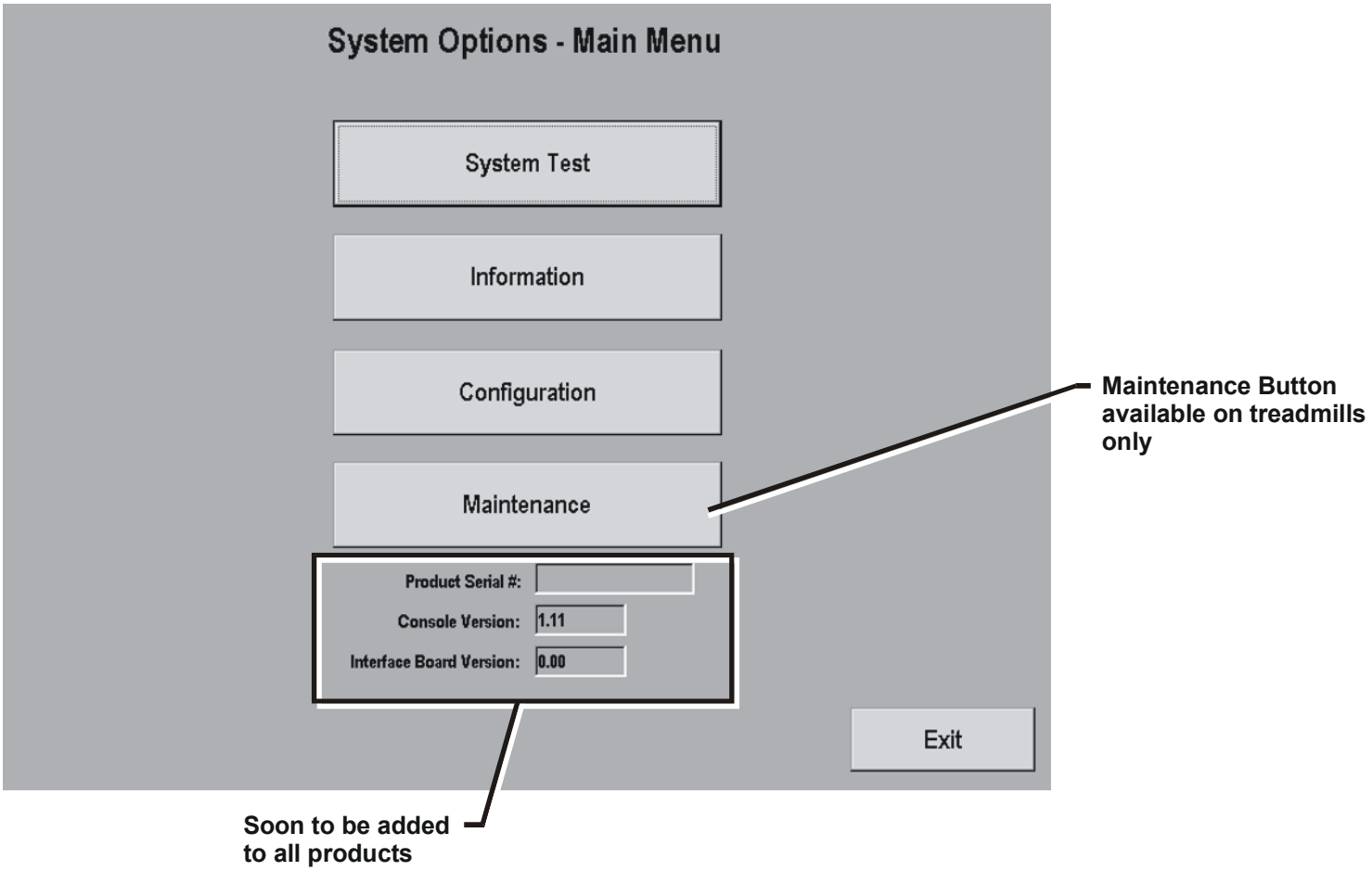
WELCOME SCREEN



The LCD Welcome Screen initially appears after Power-Up or when the product is not in use. Touching the Screen will change the screen to the WORKOUT SELECTION screen.

From the Welcome Screen you enter the Workout Selection Screen where you will be able to enter into the Systems Option Menu. To enter, press and hold the COOLDOWN key, and then double-touch the Life Fitness icon, which is located in the upper right corner of the menu.

Verifying Console Software - Continued

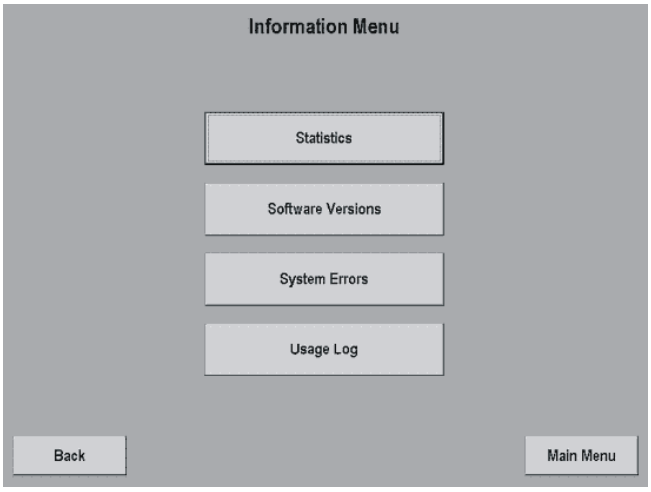


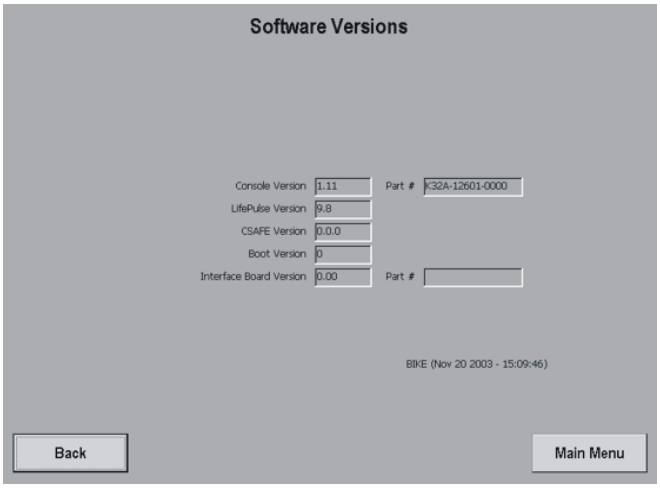
The **System Options - Main Menu** allows access to the System Test Menu, Information Menu, and Configuration Menu and on Treadmill Maintenance Menu by pressing one of these selections.

If the console version information is not on this screen, then press the INFORMATION Button to find the Software version in your console.

Pressing the screen Exit key will return you back to the Workout Selection Screen.

Verifying Console Software - Continued





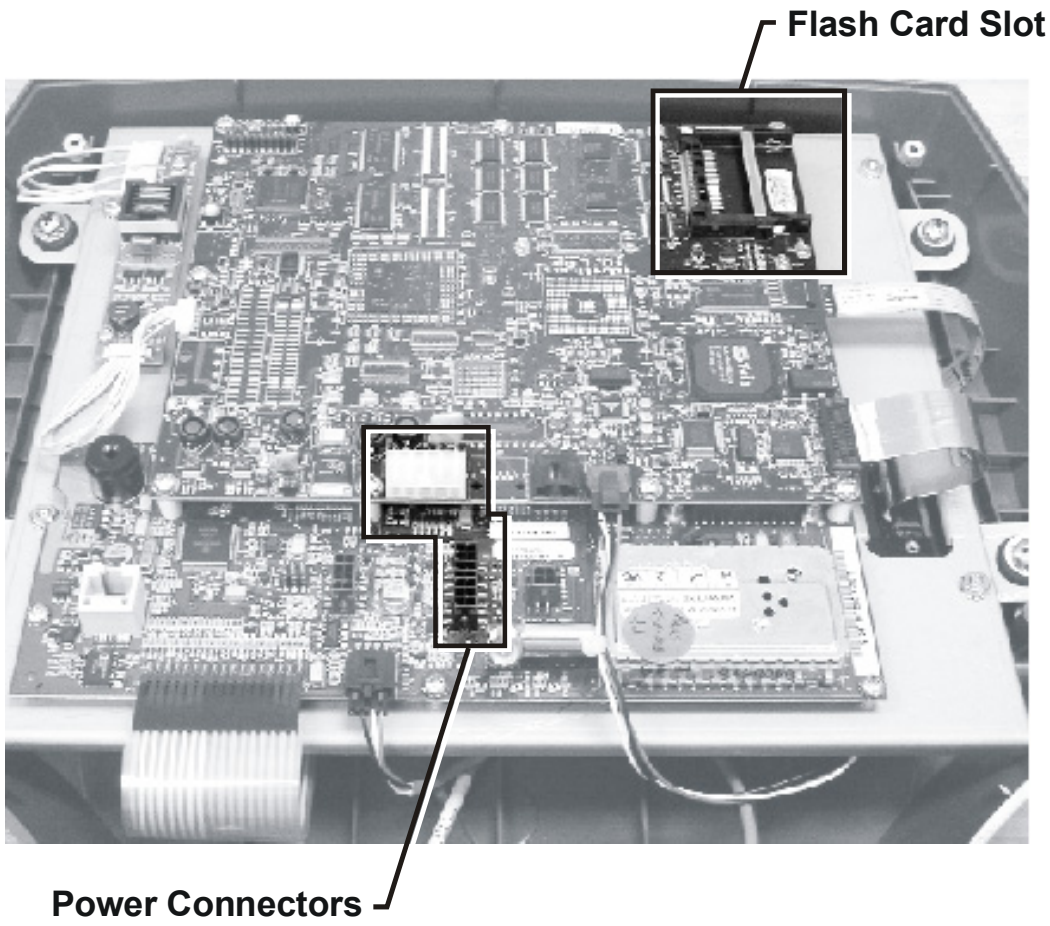
STATISTICS	Displays various historical data regarding individual workout program usage and critical system power levels.
SOFTWARE VERSIONS	Displays current software version information.
SYSTEM ERRORS	Displays historical information regarding system errors encountered during operation.
USAGE LOG	Displays historical information regarding pedal speeds and user weights.

In the **Information Menu** screen (left) press the button labled Software Versions to access the **Software Versions** screen in order to view the current software programs loaded into the unit along with its corresponding Life Fitness part number, if applicable.

Note: Values shown in the Software Version screen are for reference only.

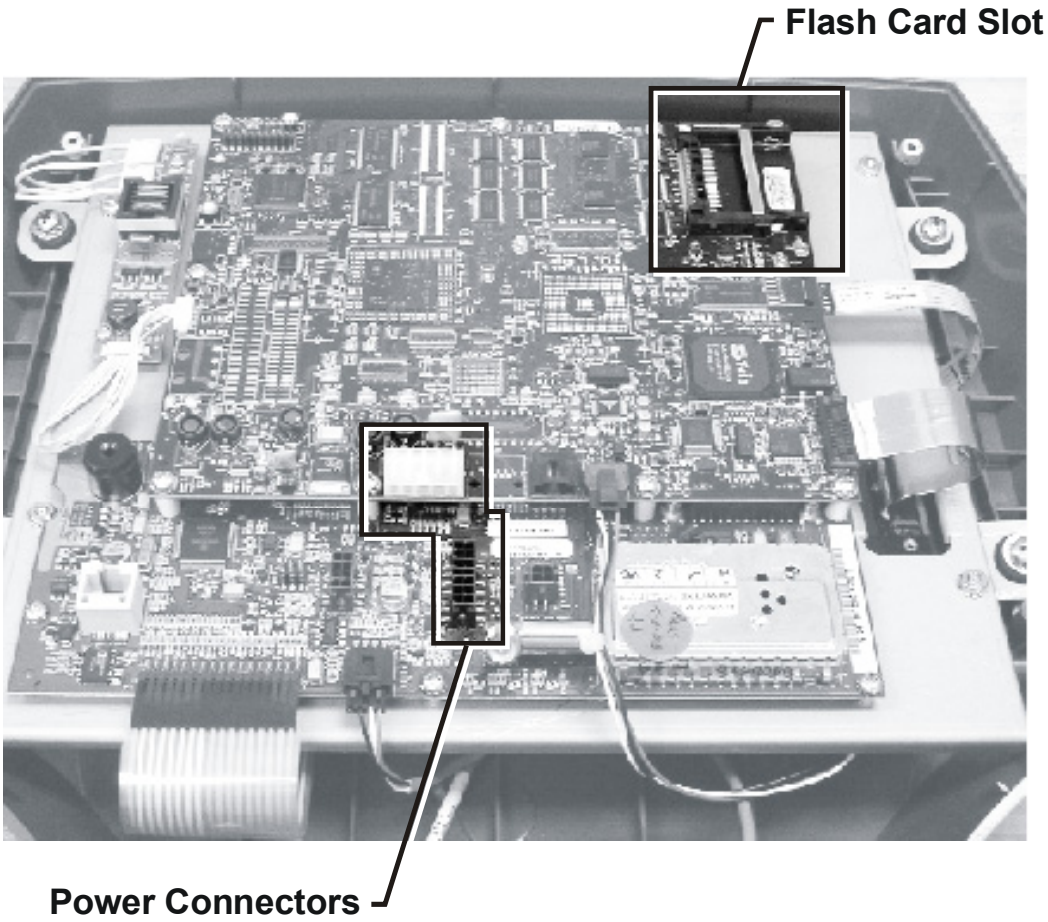
Pressing the screen Back key will return you to the previous screen. Pressing the screen MAIN MENU key will return you back to the MAIN MENU.

Programming the SBC on Bikes, Cross-Trainers, and Stairclimbers



1. Turn off the LCD unit by unplugging the power transformer from the outlet.
2. Remove the four screws securing the console to the product, and then unplug the cables from the console.
3. Set the console on the floor, and then remove the back of the console by removing the eight screws.
4. Insert the Compact Flash Card into the Flash Card Slot on the SBC.
5. Plug in the extension cable to the Wire harness on the unit, and then into the two connectors on the Console (refer to illustration above).
6. Apply power by plugging in the transformer into the outlet. The unit will automatically begin the updating process and will reset when it has finished (about 2 minutes).
7. After the unit resets, unplug the power transformer and remove the Compact Flash Card.
8. Remove the extension cable and reassemble the console, and then replace the console back on the unit.
9. Plug the power supply in and after the console powers-up then verify the software version against the Flash Card Label.

Programming the SBC on Treadmills

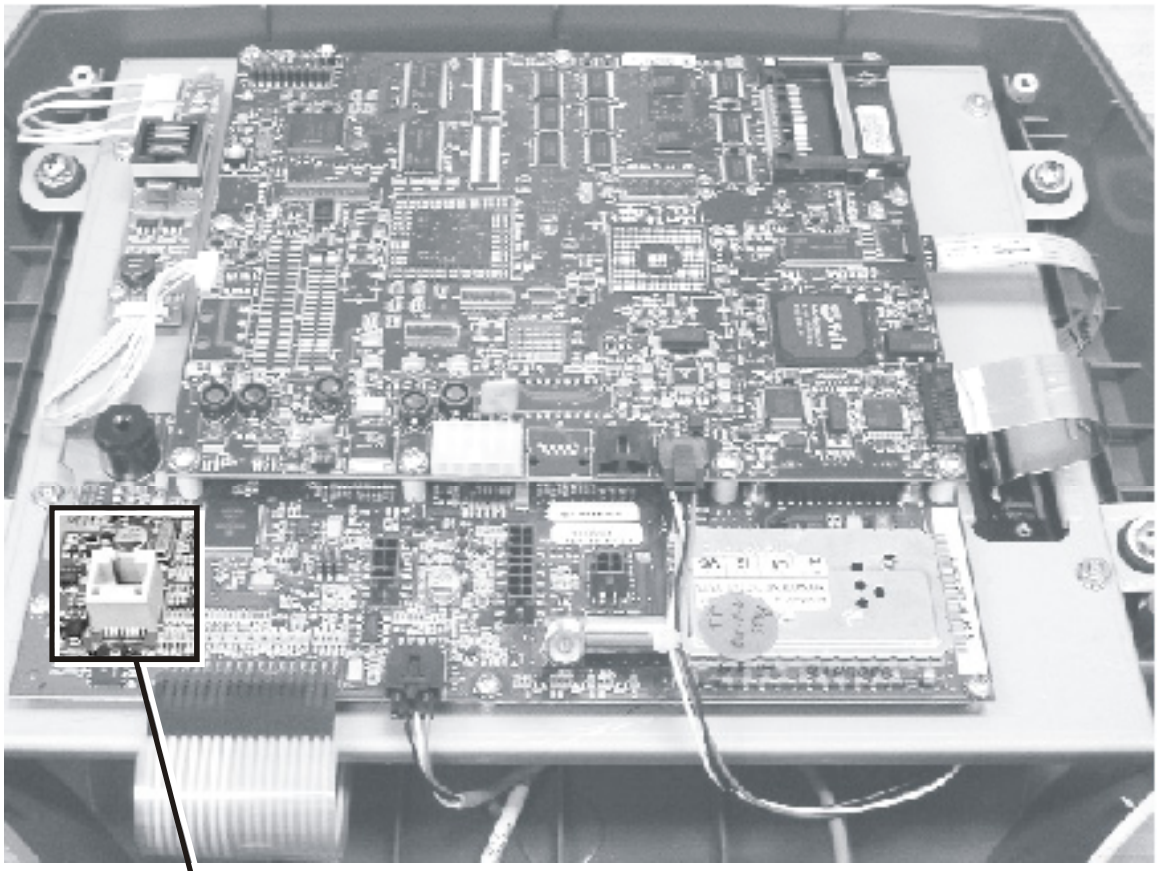


1. Turn off the treadmill at power switch.
2. Remove eight screws securing the front of the console and tilt it forward.

Note: There is no need to unplug the connectors from console.

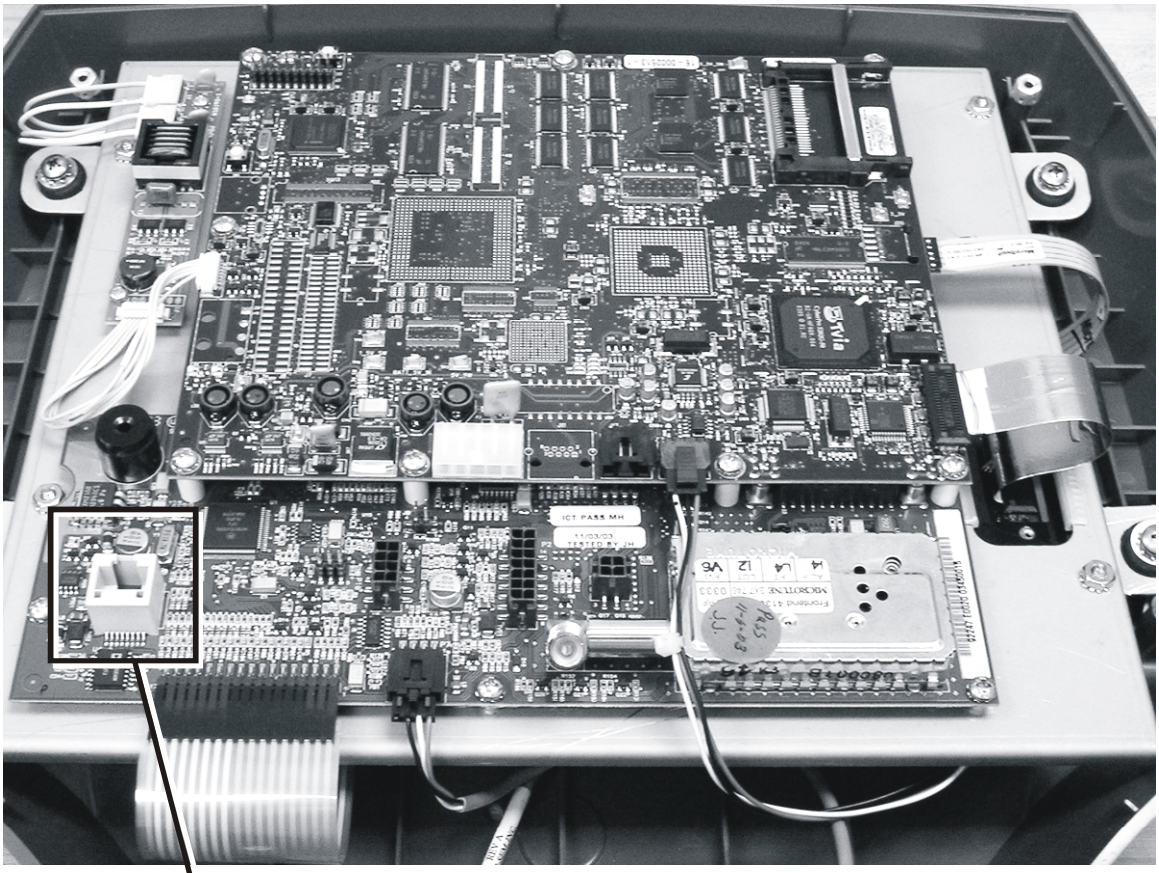
3. Insert the Compact Flash Card into the compact flash slot on the SBC.
4. Set console front back in place.
5. Turn on the LCD unit. It will automatically begin the update and will reset when it is finished (takes about 2 minutes).
6. After unit resets turn off power at the Power Switch and remove the Compact Flash Card.
7. Secure the console front to the treadmill with eight screws.
8. Turn unit back on at the Power Switch.
9. Test the unit and verify software version against the Flash Card Label.

Programming the Interface Board on Bikes, Cross-Trainers, and Stairclimbers



1. To program the Interface Board, the unit must be powered up.
2. Remove the battery door on the back of the console to gain access to the C-Safe connector
3. Plug the programmer cable into the programmer, and then into the C-SAFE connector. Programming will start automatically and a progression bar will be displayed on the screen
4. After unit resets unplug the LF Programmer.
5. Unplug the LF Programmer from the console and replace the battery door.
6. Test the unit and verify the software version against the LF Programmer Label.

Programming the Interface Board on Treadmills



1. Turn on the treadmill.
2. Remove the eight screws securing the front of the console and tilt it forward.

Note: There is no need to unplug the connectors from console.

3. Plug the LF Programmer in to the C-Safe Port (RJ45) on the interface board. The console will automatically start programming and a progress bar will show on the screen.
4. After unit resets unplug the LF Programmer.
5. Reinstall the front console and secure with the eight screws.
6. Test the unit and verify the software version against the LF Programmer Label.